

PATENT APPLICATION



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Group Art Unit: 2834

Takamitsu HIGUCHI et al.

Application No.: 09/963,457

Examiner: T. Dougherty

Filed: September 27, 2001

Docket No.: 110715

For: SURFACE ACOUSTIC WAVE ELEMENT, FREQUENT FILTER, FREQUENCY OSCILLATOR, ELECTRONIC CIRCUIT AND ELECTRONIC MACHINE

AMENDMENT UNDER 37 C.F.R. §1.111

Director of the U.S. Patent and Trademark Office
Washington, D. C. 20231

Sir:

In response to the Office Action mailed October 23, 2002, please amend the above-identified application as follows:

IN THE CLAIMS:

Please replace claims 8 and 9 as follows:

8. (Twice Amended) A frequency filter including: a first electrode formed on the piezoelectric layer equipped with the surface acoustic wave element of claim 1; and a second electrode which is formed on said piezoelectric layer and which converts to an electrical signal by resonating to a specific frequency or a frequency of a specific band of a surface acoustic wave generated in said piezoelectric layer by an electrical signal applied to said first electrode.

9. (Twice Amended) A frequency oscillator including: an electrical signal application electrode which is formed on the piezoelectric layer equipped with the surface wave acoustic element of claim 1 and which generates a surface acoustic wave in said piezoelectric layer according to an applied electrical signal; and a resonance electrode which is formed on said piezoelectric layer and which resonates a specific frequency component or